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(54) Title: PNEUMOCOCCAL VACCINES

(57) Abstract: The invention relates to the use of a protein or a fragment thereof of *S. pneumoniae*, its use for the preparation of a vaccine for the preventive treatment of a *S. pneumoniae* infection, compositions comprising protease maturation protein of *S. pneumoniae* infection, or a fragment thereof, vaccines comprising said protein or fragment thereof, use of a nucleic acid sequence encoding for said protein or fragment thereof, vectors wherein the nucleic acid sequence is brought to expression and to recombinant protease maturation protein or a fragment thereof or (functional) homologues thereof and to a method for the determination of proteins with opsonophagocytic activity and/or *in vivo* immunisation and/or *in vivo* immune protection.

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